(e) BACKGROUND OF THE INVENTION.

(1) Field of the Invention.

In kitchen cooking environments, the sink is a common and ·equent area for food cleaning, preparation, and straining boiling hot com stibles. Because a significant portion of this activity deals with the s raining of scalding hot liquids, this environment is potentially dangero s. Often, colander utility devises have a tendency to tilt or tip over in t e sink when being filled with hot foods often requiring the use of the coo 's second hand. The result can be the spillage and loss of cooked food nd or the probability of burns from steam or tipped water. Therefore th situation creates a need for a utility devise which is both stable and se re. A devise of this nature allows the one preparing food to focus their att ntion on the hot food knowing that the straining system is locked into pla e.

(2) Description of Related Art.

The present invention is designed to alleviate the harmful di actions, clumsiness and dangers associated with the straining of boili g foods during preparation. This utility devise achieves its objective rough its unique and innovative clamp-on mechanism which is desig d for single handed, quick fastening use to universally clamp on any sini basin providing a secure and stable draining devise.

(f) BRIEF SUMMARY OF THE INVENTION.

(1) FIELD OF THE INVENTION .

The primary objective of the present invention is to provide a one-st , quick, easy, stable, and universal strainer/colander to be utilized for food p paration in a household kitchen sink. Another objective is to provide a lightweigh durable, efficient and affordable product. Still another objective is to provide unit which is simple and inexpensive in construction yet yields a long service li e.

The foregoing and other objectives are realized and in accord with t invention through the construction design of durable, lightweight, heat toleran njected molded acrylic plastic and the fabrication of a quick-release, tensior upport clamp. The unit is designed to be utilized in a typical household kit en double sink whereas the clamping mechanism is designed to secure and sus end from the sink's central divider.

The present invention relates to a straining colander devise for rinsi g and straining edibles and comestibles of a solid or semi-solid form. The prim y portion of the unit includes a bowl which is surrounded by a flanged upper rim The bowl unit maintains a plurality of perforations through its wall through w ch liquids can pass allowing the solid or semi-solid substance to be retained w in the bowl. The bowl portion is flanked by a threaded screw torsion clamping d vise comprised of two pieces. This clamping devise is used to secure and sus nd the main

bowl. By concept, the invention is secured with one hand and the sin gle twist of the threaded torsion clamping mechanism made of injected molded . crylic plastic. The acrylic plastic materials provide a rust free non-marring utility p oduct. In addition to the quick release clamp for securing the colander to the s ink's center dividing side wall, the unit also is designed with legs on it's base to rovide a stable non-tilting balance on any surface plain thus offering the vers tility of a standard straining/colander unit.

(2) DESCRIPTION OF THE RELATED ART INCLUDING INFORI ATION DISCLOSED UNDER 37 CFR 1.97 AND 37 CFR1.98

For a fuller understanding of the invention, the accompanying drawi ig is provided as a reference.

FIG 1 is an exploded perspective view of the non-skid strainer.

FIG 2 is an enlarged sectional view revealing a side profile of the n -skid strainer.

FIG 3 rear sectional view depicts the non-skid strainer from its rear rctional elevation .

FIG 4 front sectional view depicts the non-skid strainer from its fro sectional elevation .

FIG 5 top sectional view depicts the non-skid strainer from its top s tional elevation .

FIG 6 installation view reveals how the non-skid strainer is installec

DETAIL A. reveals a exploded perspective view of the quick clamp vist knob with threaded post.

(g) BRIEF DESCRIPTION OF SEVERAL VIEWS OF THE DRAWING(S

FIG 1 is an exploded perspective view of the non-skid strainer cons ucted in accordance with the present invention showing the perforated bowl haped colander, front handle, stabilizing legs, rear handle, and threaded quick cl np devise. All components comprising of the non-skid strainer are made from hite acrylic plastic fabricated through an injection mold technique.

FIG 2 is an enlarged sectional view revealing a side profile of the n -skid strainer. This view shows a detailed examination of the securing cla p mechanism with threaded knob posts. Also shown is the sectional view of he stabilizing leg. All components comprising of the non-skid strainer are made fi n white acrylic plastic fabricated through an injection mold technique.

FIG 3 rear sectional view depicts the non-skid strainer from its rear : ctional elevation revealing the two sets of securing clamps, threaded post k bs, and stabilizing legs. All components comprising of the non-skid strainer re made from white acrylic plastic fabricated through an injection mold tech que.

FIG 4 front sectional view depicts the non-skid strainer from its fror sectional elevation revealing the two sets of securing clamps, threaded post k bs, and stabilizing legs. All components comprising of the non-skid strainer re made from white acrylic plastic fabricated through an injection mold tech que.

FIG 5 top sectional view depicts the non-skid strainer from its top s tional elevation revealing the two sets of securing clamps, threaded post k b, front/rear handles, interior bowl area, and bowl rim. All components comprisi , of the non-skid strainer are made from white acrylic plastic fabricated through n injection mold technique.

FIG 6 installation view reveals how the non-skid strainer is installed and secured using the securing clamp with threaded post knobs in a dual basin k hen sink. The unit securely clamps and firmly attaches to the central dividing all of the dual basin sink. Securing clamps with threaded post knobs are desig d to adjust accordingly as needed in fitting to, and securing to any type of sink.

DETAIL A. reveals a exploded perspective view of the quick clamp vist knob with threaded post designed to be manufactured in three seperate co ponents; 1.) main bowl unit with stabilizing legs, 2.) securing clamp bracket wit ear handle, 3.) twist knob threaded post. All components comprising of the non- kid strainer are made from white acrylic plastic fabricated through an injection old technique.

(h) DETAILED DESCRIPTION OF THE INVENTION.

The preferred embodiments depicted in the drawing with reference to FIGS 1-6 (including DETAIL A.) reveal the design for a non-skid strainer/colander having a ound bowl portion which is encompassed by a plurality of perforated holes which are c hestrated to drain liquids while allowing the retention of a variety of consumables and e bles including but not limited to pasta, macaroni, fruit, vegetables, rice, ect.

The bowl portion maintains a flanged-like rim which extends laterally outw d from its perimeter. The flanged-like rim maintains the front handle of the non-skid s raining unit. The flanged-like rim can be configured and molded to achieve a desired orn mental effect without impeding functionality of the unit.

At the rear position of the non-skid strainer is the rear handle which is mol d into the removable securing clamp bracket.

Both the front and rear handles are designed to be grasped with a hand for l ing and mobilizing the non-skid straining unit. The rear half of the non-skid strainin ; unit consists of the securing ramp with threaded post screw knobs. This mechanism designed to quickly place secure and clamp the strainer to the central dividing wall of a lual basin kitchen sink. Persons of skill in the art can configure and operate the securi g of the non-skid strainer quickly with two hands, one hand holding the strainer bowl un via the front handle while the other hand twists the threaded post knobs to secure and lo the clamp resulting in the safe and stable operation of the non-skid strainer in the kitcl n sink.

On the bottom side of the bowl portion of the non-skid straining unit are ho izontal and rectangular stabilizing legs by which the user can set the non-skid strainer c any horizontal surface plain.